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### AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows:

1-53. Cancelled.

54. (Currently Amended) A method of increasing a level of ~~[[a]] cytidine or a derivative or metabolite thereof~~ in ~~[[a]] the~~ brain of a subject in need thereof, comprising administering ~~[[a]] uridine or a derivative or metabolite thereof~~ to said subject, thereby increasing a level of ~~[[a]] cytidine or a derivative or metabolite thereof~~ in ~~[[a]] the~~ brain of a subject.

55. (Previously Presented) The method of claim 54, wherein said administering is orally administering.

56. (Previously Presented) The method of claim 54, wherein said subject is a mammal.

57. (Currently Amended) The method of claim 54, wherein said uridine is ~~in a uridine source such as~~ in a uridine-rich food.

58. (Currently Amended) The method of claim 54, wherein said ~~derivative uridine~~ is ~~[[a]] uridine-5'-monophosphate~~.

59. (Currently Amended) A method of increasing a level of ~~[[a]] cytidine or a derivative or metabolite thereof~~ in ~~[[a]] the~~ brain of a subject in need thereof, comprising administering to said subject a pharmaceutical formulation effective to increase a plasma level in said subject of ~~uridine or a derivative or metabolite thereof~~, thereby increasing a level of ~~[[a]] cytidine or a derivative or metabolite thereof~~ in ~~[[a]] the~~ brain of a subject.

60. (Previously Presented) The method of claim 59, wherein said subject is a mammal.

61. (Currently Amended) The method of claim 59, wherein said ~~derivative uridine~~ is ~~[[a]] uridine-5'-monophosphate~~.